

ABSTRACT

The device for detecting surface defects on the outer wall (2) of a transparent or translucent object (3), comprises:

- a broad light source (4), adapted to send a light beam (5) onto a surface of the wall (2),
- a linear sensor (8) for measuring light beams, arranged to collect the light beam (9) reflected by a linear zone of the wall (2), illuminated by the light source (4),
- means (12) ensuring relative movement between the object and the light source (4) and the linear measuring sensor (8), to move the linear measuring zone over the wall (2) of the object to cover the surface to be inspected,
- and a unit (15) for analysing and processing the light beams, received by the measuring sensor (8), for creating an image and to identify within the image the presence of a surface defect corresponding to a dark area.